

WHAT IS CLAIMED IS:

1. A bottle fabricated from a single layer comprising a blend of metallocene polyethylene polymer and a homopolymer high density polyethylene.
- 5 2. A bottle according to claim 1, wherein the blend has from about 10% to about 90% by weight metallocene polyethylene polymer and about 10% to about 90% by weight a homopolymer high density polyethylene.
- 10 3. A bottle according to claim 1, wherein the blend has from about 25% to about 75% by weight metallocene polyethylene polymer and about 25% to about 75% by weight a homopolymer high density polyethylene.
- 15 4. A bottle according to claim 1, wherein the blend has from about 0.1 to about 50% by weight clarified polypropylene.
5. A bottle according to claim 1, wherein the blend has from about 0.1 to about 25% by weight clarified polypropylene.
- 20 6. A bottle according to claim 1, wherein the blend has from about 0.1 to about 10% by weight clarified polypropylene.
7. A bottle according to claim 1, wherein the bottle has at least 10% transmittance of light in the visible spectrum.
- 25 8. A bottle according to claim 1, wherein the bottle has at least 15% transmittance of light in the visible spectrum.
9. A bottle according to claim 1, wherein the bottle has at least 20% transmittance of light in the visible spectrum.
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10. A bottle according to claim 1, wherein the bottle has at least 25% transmittance of light in the visible spectrum.
- 5 11. A bottle fabricated from two or more layers, comprising an outer layer, a middle layer and an inner layer, wherein the outer layer is a blend of metallocene polyethylene polymer and a homopolymer high density polyethylene.
- 10 12. A bottle according to claim 11, wherein the blend has from about 10% to about 90% by weight metallocene polyethylene polymer and about 10% to about 90% by weight a homopolymer high density polyethylene.
- 15 13. A bottle according to claim 11, wherein the blend has from about 10% to about 90% by weight metallocene polyethylene polymer and about 10% to about 90% by weight a homopolymer high density polyethylene.
14. A bottle according to claim 11, wherein the blend has from about 0.1 to about 50% by weight clarified polypropylene.
- 20 15. A bottle according to claim 11, wherein the blend has from about 0.1 to about 25% by weight clarified polypropylene.
16. A bottle according to claim 11, wherein the blend has from about 0.1 to about 10% by weight clarified polypropylene.
- 25 17. A bottle according to claim 11, wherein the bottle has at least 10% transmittance of light in the visible spectrum.
18. A bottle according to claim 11, wherein the bottle has at least 15% transmittance of light in the visible spectrum.
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19. A bottle according to claim 11, wherein the bottle has at least 20% transmittance of light in the visible spectrum.
20. A bottle according to claim 11, wherein the bottle has at least 25% transmittance of light in the visible spectrum.
21. A bottle according to claim 11, wherein the middle layer is comprised of virgin high density polyethylene.
22. A bottle according to claim 11, wherein the middle layer is comprised of at least 25% recycled resin.
23. A bottle according to claim 11, wherein the outer and inner layer each comprise 5-20% of the total thickness of the bottle wall.
24. A bottle comprising a downwardly extending body fabricated from at least three layers, including an external and internal layer wherein the external layer is a blend of metallocene polyethylene and a homopolymer high density polyethylene and wherein said bottle further comprises a finish having an annular mouth, said body extending axially downwardly along a vertical axis from said finish to a base; said body including a shoulder extending outwardly and downwardly below said finish.
25. A bottle according to claim 24, wherein the bottle has at least 10% transmittance of light in the visible spectrum.
26. A bottle according to claim 24, wherein the bottle has at least 20% transmittance of light in the visible spectrum.